Docket No.: 1646.1013-022

Title: Preparation and Uses of LOS-Depleted...

Inventor: Gary W. Zlotnick

Preparation of LOS-Depleted Neisseria meningitidis Outer
Membrane Proteins

2996 CELLS

lyophilized

resuspended in hypotonic buffer

lyse in French press

CELL LYSATE

salt wash

ultracentrifugation

CELL ENVELOPES (TOTAL MEMBRANES)

1% TRITON X-100[™] extraction (at least 2X)

ultracentrifugation

OUTER MEMBRANES

1% ZWITTERGENT 3-14 extraction (at least 2X)

LOS-DEPLETED OUTER MEMBRANES

1% ZWITTERGENT 3-14™ + 0.5 M NaCl extraction

LOS-DEPLETED SOLUBLE OUTER MEMBRANE PROTEINS

80% ethanol extraction

CONCENTRATED SOLUBLE OUTER MEMBRANE PROTEINS

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Infant Rat Challenge Model: Protection Against Bacterimia

